

# **Crop Progress and Condition**



### NATIONAL AGRICULTURAL STATISTICS SERVICE

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#### In Cooperation with...

- Cooperative Extension Service, Washington State University
- Cooperative Extension Service, University of Idaho
- Idaho State Department of Agriculture
- Oregon State Department of Agriculture
- USDA, Farm Service Agency

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### Heat Spikes in Idaho with Little Rain, Crops Soldiering On

Days suitable for fieldwork were 6.9. Pasture and range conditions were reported to be 1% very poor, 1% poor, 16% fair, 62% good, and 20% excellent. Low temperatures were reported at 32 degrees Fahrenheit in the eastern region and a high temperature of 98 degrees Fahrenheit in the southwestern region, with a statewide temperature differential of 3 degrees to 9 degrees above normal. The weather surged from last week's cooler temperatures to much warmer temperatures this week with very little precipitation. This sharp rise made irrigation timing difficult for many growers. Teton County reported the weather provided good planting conditions, but also created much drier conditions for the crops already in the ground. The Owyhee, Ada, Canyon area reported some water stress in gravity irrigated corn. Spring planting was finishing up. Most crops were in fair to good condition across the state. Pastures were in decent condition but could use more rain.

#### Hot Spell Hits Oregon Setting Record High Temperatures and Concerning Growers

There were 6.2 days suitable for fieldwork last week. Pasture and range conditions were reported to be 5% very poor, 13% poor, 28% fair, 40% good and 14% excellent. The low temperature was reported at 29 degrees Fahrenheit in the south central region and a high temperature of 104 degrees Fahrenheit in the north central region, with a statewide temperature differential of 5 degrees to 18 degrees above normal. In general, Oregon experienced significantly warmer temperatures with little or no precipitation reported around the state. Hay harvest was well under way in the South Valley of the northwest region. Most field corn was emerged, showing good germination and solid stands. Irrigation started on newly planted fields. Hazelnut orchard maintenance continued. Lane County reported codling moths, peach twig borers, and brown marmorated stink bugs, that were sprayed for, showing up in traps. There were already reports of damage to sweet cherries and peaches. The last field of corn silage was planted. Clovers were growing rapidly. Strawberry harvest was in full swing. Blueberry picking started. New potatoes and carrots were at markets. Cattle and calves were doing well on improved pastures. The north central region reported that wheat and fruit growers were concerned with the hotter temperatures. Crops in shallower soils looked stressed. Hand thinning of summer pears and apples was underway throughout the Hood River Valley. Sweet cherry harvest started on May 31 in Wasco County with the harvest of Chelan and Early Robin cherries. In the northeast region, non-irrigated ground was drying out quickly. The second cutting of hay was down. Corn was a foot high or taller. Potatoes were flowering. Wheat was turning on the west end of Umatilla County. Extreme heat hit the southeast region over the weekend. Range conditions were extremely dry in the southern part of Grant County where three range fires started. Malheur County received no rain and was 110% of normal water levels since the beginning of the water year. First cuttings of alfalfa were reported in Lake County. Potato planting wrapped up. New alfalfa and spring barley was planted. Range and pasture conditions were still favorable for grazing. In the southwest region, pastures and rangeland grasses continued to grow well. However, in poor soil areas on the hills grass dried out and turned brown. Fruit crops looked good. Cranberries were fertilized two weeks early. Water levels in

creeks continued to drop, but remained near normal levels for the season. Grass hay was cut and baled. Farmers that had irrigation, were running it non-stop for the past couple of weeks to recharge soils for the hot weather.

### More Rain and Less Heat Needed in Washington State

There were 6.7 days suitable for field work. Pasture conditions were reported as 4% poor, 23% fair, 59% good, and 14% excellent. Temperatures throughout the state ranged from a low of 32 degrees Fahrenheit in the northeast region to a high of 101 degrees Fahrenheit in the east central region and central region, with a statewide temperature differential of 4 degrees to 12 degrees above normal. Pasture and forage conditions were in excellent condition throughout the state. Cattle and other livestock looked fleshy. Many hay and alfalfa producers wrapped up their first cutting while some began their second cutting. Most counties throughout Washington reported being too dry and needing rain. To counter the dryness, some producers began to irrigate their crops. Raspberries were ripe by the end of May which put them one month ahead of schedule in Snohomish County. Whatcom County was also ahead of schedule on their raspberries. Both Snohomish and Whatcom Counties had their fresh market strawberry harvest in full swing. San Juan County reported that their kiwi plants were in bloom and that their fruit trees had been through their first thinning. It was also reported that their strawberries and raspberries had begun to ripen. Cherry harvest was early in Chelan, Douglas, and Grant Counties. The cherries were a good size, but the yields were lower than expected. Yakima County continued to harvest their sweet cherry and asparagus crops. It was also noted that the labor force in Yakima was seen weeding hops, melons, peppers, tomatoes, cucumbers, and all other vegetables. Peas were flowering in Adams, Columbia, and Walla Walla Counties due to the excessive heat. Throughout the state, rust continued to be a problem for wheat producers. Many have sprayed two to three times already. Overall, Washington producers were in need of rain and cooler temperatures.

## Soil Moisture and Irrigation Water Supply — Idaho, Oregon, and Washington: Week Ending 06/05/16

Item and State	Very short	Short	Adequate	Surplus
	(percent)	(percent)	(percent)	(percent)
Topsoil moisture Idaho Oregon Washington.	5 6 3	11 26 18	78 63 78	6 5 1
Subsoil moisture Idaho Oregon Washington	4 8 2	10 28 16	80 60 81	6 4 1

# Crop Condition — Idaho, Oregon, and Washington: Week Ending 06/05/16

Crop and State	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Winter wheat					
Idaho	1	1	12	69	17
Oregon	3	3	30	50	14
Washington	1	3	17	67	12
Spring wheat					
ldaho	-	-	24	55	21
Oregon	1	3	21	58	17
Washington	- -	1	14	79	6
Barley					
Idaho	_	_	19	60	21
Oregon	1	2	17	54	26
Washington	· -	-	11	83	6
Potatoes					
Idaho	_	-	3	83	14
Oregon	1	1	21	63	14
Washington	-	-	3	89	8
Corn					
Idaho	3	-	9	85	3
Oregon	-	_	12	70	18
Washington	-	-	16	78	6
Dry edible beans					
Idaho	_	_	53	33	14
Oregon	_		38	52	10
Washington	_	_	2	98	10
vvasilington	_	_		90	_
Oats					
Idaho	-	-	11	71	18
Oregon	-	-	16	50	34
Washington	-	-	14	83	3
Onions					
Idaho	-	-	-	100	-
Oregon	-	4	13	74	9
Washington	1	1	3	93	2
Sugarbeets					
Idaho	-	-	1	75	24

<sup>-</sup> Represents zero.

# Weekly Weather Statistics — Idaho: May 30 - June 5, 2016

We add on addition	Air temperature		Growing degree days		Last week precipitation			Season cumulative precipitation					
Weather station	Low	Hi	AVG	DFN	Base Total	e 50 DFN	Total inches	DFN	Days	Total inches	DFN	Percent normal	Days
NORTH													
Coeur d' Alene	43	89	63	+5	94	+33	0.00	-0.56	0	21.39	-0.92	96	119
Fenn	42	92	64	+4	99	+25	0.00	-0.84	0	37.65	+3.87	111	152
Lewiston	46	95	68	+7	130	+42	0.00	-0.33	Ö	11.78	+1.39	113	107
Bonners Ferry	39	87	61	+3	80	+14	0.07	-0.35	1	21.51	+3.30	118	103
Nezperce	34	84	57	+3	54	+15	0.00	-0.59	0	16.57	+0.02	100	148
SOUTHWEST													
Boise	42	96	67	+5	123	+28	0.06	-0.16	3	12.46	+1.56	114	129
Emmett	44	91	66	+3	112	+19	0.00	-0.25	0	11.04	-1.53	88	90
Glenns Ferry	45	98	69	+7	134	+43	0.03	-0.12	1	11.70	+2.97	134	99
Grand View	42	98	71	+7	148	+49	0.00	-0.21	0	6.42	+0.26	104	70
Nampa	45	97	70	+8	140	+51	0.04	-0.17	2	8.26	-0.58	93	94
Parma	46	96	70	+9	145	+57	0.25	+0.02	3	8.52	-1.23	87	90
SOUTH CENTRAL													
Fairfield	33	87	58	+3	57	+13	0.01	-0.24	1	13.65	+0.42	103	104
Malta	33	93	63	+5	90	+31	0.02	-0.33	2	11.38	+2.79	132	111
Picabo	35	90	61	+7	79	+40	0.00	-0.28	0	13.07	+1.69	115	92
Rupert	40	91	65	+5	104	+35	0.02	-0.26	2	9.22	+0.82	110	103
Twin Falls	42	93	66	+8	115	+49	0.00	-0.28	0	11.25	+1.51	116	82
EAST													
Aberdeen	40	89	63	+6	91	+38	0.00	-0.26	0	8.45	+1.00	113	66
Ashton	32	87	59	+5	65	+25	0.03	-0.45	1	14.00	-2.65	84	106
Fort Hall	34	90	61	+6	82	+32	0.03	-0.27	2	9.24	-0.58	94	93
Idaho Falls	36	85	60	+3	73	+16	0.00	-0.33	0	7.98	-0.85	90	76
Lava Hot Springs	38	85	60	+3	69	+14	0.09	-0.26	1	19.27	+5.42	139	101
Monteview	39	88	61	+4	79	+22	0.00	-0.33	0	4.45	-2.75	62	56
Preston	38	88	63	+5	94	+35	0.02	-0.36	1	15.42	+2.00	115	89
Rexburg	33	88	59	+3	61	+13	0.03	-0.39	1	9.10	-1.98	82	100

### Crop Progress — Idaho: Week Ending 06/05/16

	Percent completed									
Crop and activity	This	Last	Last	5 Year						
	week	week	year	average						
Spring wheat emerged	96	92	100	96						
Winter wheat headed	59	30	62	31						
Barley emerged	90	88	100	93						
Oats planted	90	88	-1	-1						
Oats planted Oats emerged	82	80	91	84						
Potatoes emerged	75	52	75	60						
Sugarbeets planted	95	93	100	100						
Sugarbeets emerged	90	75	-1	-1						
Field corn emerged	84	78	85	73						
Dry edible beans planted	82	63	77	71						
Dry edible beans emerged	43	=	49	45						
Alfalfa hay 1st cutting	64	44	43	29						
Alfalfa hay 2nd cutting	1	-	-1	-1						

(NA) Not available.

# Weekly Weather Statistics — Washington: May 30 - June 5, 2016

Meatherstaller	Air temperature			Growing degree days		Last week precipitation			Season cumulative precipitation				
Weather station	Low	Hi	AVG	DFN	Base 50		Total DFN		Days	Total	DFN	Percent	Days
	LOW	П	AVG	DEN	Total	DFN	inches	DEIN	Days	inches	DEN	normal	Days
WEST													
Bellingham	43	85	64	+8	101	+52	0.11	-0.38	1	33.43	+1.33	104	153
Everett	48	87	65	+7	104	+49	0.01	-0.55	1	37.19	+4.10	112	159
Hoquiam	41	87	63	+9	96	+57	0.22	-0.41	1	75.25	+11.14	117	165
Kelso	43	93	69	+12	137	+80	0.13	-0.45	1	60.11	+16.13	137	160
Olympia	37	97	66	+10	112	+68	0.05	-0.44	1	61.67	+14.16	130	155
Sea-Tac	48	92	69	+11	132	+71	0.05	-0.34	1	46.33	+12.22	136	147
Shelton	37	97	66	+8	110	+53	0.12	-0.37	1	80.13	+18.05	129	159
Tacoma	39	95	66	+9	117	+57	0.07	-0.41	1	44.74	+7.64	121	157
Vancouver	48	98	71	+12	151	+78	0.19	-0.27	1	45.96	+11.74	134	158
CENTRAL													
Ellensburg	40	100	69	+10	132	+69	0.00	-0.14	0	11.73	+3.87	149	87
Omak	40	98	69	+9	138	+57	0.00	-0.28	0	13.30	+2.90	128	88
Stampede Pass	36	81	56	+10	55	+50	0.29	-0.70	3	85.27	+8.31	111	174
Wenatchee	48	98	72	+10	157	+63	0.00	-0.15	0	11.64	+4.29	158	75
Yakima AP	40	101	71	+12	148	+77	0.00	-0.14	0	10.11	+2.93	141	77
NORTHEAST													
Colville	40	94	65	+7	109	+44	0.09	-0.40	3	16.45	-1.90	90	118
Deer Park	32	95	63	+5	92	+34	0.00	-0.49	0	20.55	-1.84	92	114
Kettle Falls	37	96	66	+5	112	+36	0.01	-0.55	1	17.27	+0.90	105	124
Spokane	42	94	68	+10	126	+65	0.00	-0.35	0	15.55	+1.20	108	112
EAST CENTRAL													
Ephrata	47	101	71	+7	151	+49	0.00	-0.14	0	7.61	+1.00	115	73
Lind	38	98	67	+6	117	+40	0.00	-0.14	0	12.02	+3.35	139	83
Moses Lake	44	100	70	+6	145	+43	0.00	-0.14	0	8.43	+1.82	128	79
Quincy	44	98	69	+7	135	+43	0.00	-0.14	0	13.30	+6.33	191	83
Ritzville	39	91	63	+5	91	+31	0.00	-0.21	0	13.17	+2.42	123	88
SOUTHEAST													
Hanford	44	99	71	+5	147	+28	0.00	-0.14	0	7.73	+1.63	127	79
Lake Bryan Rice	43	100	70	+11	143	+71	0.00	-0.27	0	15.68	+2.50	119	98
Pasco	42	99	70	+5	143	+34	0.00	-0.14	0	7.56	+0.45	106	82
Pullman	37	91	61	+6	81	+33	0.00	-0.35	0	18.91	+0.58	103	106
Silcott Island	47	100	72	+10	152	+64	0.00	-0.33	0	9.09	-1.30	87	86
Walla Walla	47	97	71	+8	146	+49	0.00	-0.35	0	16.79	-1.67	91	107
Whitman Mission	38	94	64	+4	102	+21	0.00	-0.28	0	15.87	+3.27	126	124

# Crop Progress — Washington: Week Ending 06/05/16

	Percent completed									
Crop and activity	This	Last	Last	5 Year						
	week	week	year	average						
Spring wheat headed	36	4	3	7						
	87	76	77	59						
Barley emerged	93	90	100	96						
	93	90	(NA)	(NA)						
Oats emerged	71	64	<b>`</b> 96	(NA)						
Potatoes emerged	92	90	97	89						
	91	89	94	80						
Dry edible beans planted	90	86	95	96						
	76	60	78	52						
Dry peas emerged	91	80	95	(NA)						
	83	81	96	(NA)						
Alfalfa hay 1st cutting	83	66	71	` 56						
Alfalfa hay 2nd cutting	2	(NA)	(NA)	(NA)						

(NA) Not available.

### Weekly Weather Statistics — Oregon: May 30 - June 5, 2016

Woother station	Air temperature			Grov degree			ast week cipitation		Season cumulative precipitation				
Weather station	Low	Hi	AVG	DFN	Bas Total	e 50 DFN	Total inches	DFN	Days	Total inches	DFN	Percent normal	Days
COASTAL AREAS Astoria	42 48 41 46	87 67 79 73	64 58 59 61	+9 +4 +4 +6	98 59 67 75	+62 +24 +26 +33	0.09 0.00 0.01	-0.61 -0.53 -0.71	1 0 1 0	82.66 66.97 76.79	+19.87 +10.03 +7.68 -4.16	132 118 111	168 160 159 130
North BendTillamook	37	90	62	+6	84	+56	0.00 0.14	-0.55 -0.79	1	57.63 65.25	-19.47	93 77	172
WILLAMETTE VALLEY													
Aurora  Corvallis  Detroit Lake	47 46 42	99 95 101	71 68 70	+14 +10 +14	152 131 139	+90 +71 +88	0.20 0.10 0.05	-0.29 -0.32 -0.98	1 2 1	47.24 44.54 85.25	+7.53 +3.28 +1.15	119 108 101	168 162 165
Eugene	43 42 41	95 99 97	69 71 70	+12 +12 +12	134 148 145	+79 +76 +81	0.00 0.15 0.14	-0.47 -0.27 -0.21	0 1 1	39.34 42.72 49.41	-8.80 +7.14 +9.54	82 120 124	140 147 152
Portland	49 47	99 99	73 72	+13 +14	163 153	+90 +92	0.19 0.19	-0.27 -0.23	1 1	44.88 44.93	+10.66 +7.27	131 119	149 140
SOUTHWESTERN VALLEYS													
Grants Pass	50 49 50	102 100 97	75 76 74	+15 +15 +14	175 185 171	102 +98 +90	0.00 0.00 0.00	-0.17 -0.21 -0.28	0 0 0	39.87 18.98 37.02	+10.06 +1.94 +5.15	134 111 116	128 107 136
NORTH CENTRAL Condon	39	86	64	+9	100	+56	0.01	-0.27	1	20.95	+8.32	166	141
Echo	40 42 39	100 91 99	70 66 70	+6 +7 +7	141 117 144	+41 +46 +44	0.02 0.00 0.02	-0.13 -0.35 -0.13	1 0 1	8.42 9.80 8.41	-1.03 -2.72 -1.04	89 78 89	88 89 80
Madras  Moro  Parkdale	41 39 37 44	96 93 98 96	67 64 66 70	+10 +8 +10 +8	122 102 110 141	+69 +49 +64 +56	0.00 0.00 0.00 0.01	-0.21 -0.18 -0.21 -0.20	0 0 0 1	8.68 10.66 48.29 10.86	-1.71 +0.38 +17.53 -0.33	84 104 157 97	88 91 135 97
Pendleton Prairie City The Dalles	34 46	90	61 74	+11 +9	82 168	+61 +61	0.01 0.00	-0.40 -0.13	1 0	11.66 15.43	-6.44 +1.95	64 114	127 94
SOUTH CENTRAL Agency Lake	45	94	70	+18	144	113	0.15	-0.04	1	16.75	-1.96	90	94
Bend	38 33 29 34 35	88 93 89 94 89	62 63 61 67	+8 +9 +8 +12	84 92 78 122	+48 +53 +45 +78	0.00 0.00 0.01 0.00	-0.21 -0.21 -0.25 -0.21	0 0 1 0	8.20 9.33 8.42 10.48	-1.74 +0.09 -1.13 -0.08	82 101 88 99	66 89 98 75
Lakeview	33 36 30	94 98 94	63 63 66 63	+8 +7 +10 +8	88 92 113 90	+44 +47 +64 +46	0.00 0.00 0.00 0.00	-0.28 -0.21 -0.17 -0.21	0 0 0 0	11.95 11.38 8.03 13.44	-1.86 +1.68 +1.05 +3.08	87 117 115 130	106 99 72 87
NORTHEAST Baker City	34	90	61	+5	80	+31	0.00	-0.35	0	5.96	-2.14	74	79
JosephLa GrandeImbler	36 39 38	90 97 95	60 66 64	+6 +8 +7	72 111 100	+32 +52 +45	0.00 0.00 0.02	-0.49 -0.42 -0.40	0 0 2	7.54 9.45 13.00	-8.28 -5.30 -8.55	48 64 60	72 88 113
SOUTHEAST	40	404	70		404	.04	0.00	0.00		0.00	0.40	0.5	70
OntarioRome	48 39	101 96	73 68	+9 +10	161 127	+64 +67	0.00 0.00	-0.20 -0.28	0	8.00 8.14	-0.42 +0.27	95 103	72 65

Summary based on NWS data.

Season cumulative precipitation starts: September 1, 2015.

DFN = Departure from normal.

NA = Data not available.

Precipitation (rain or melted snow/ice) in inches.

Precipitation days= Days with precipitation of 0.01 inch or more.

Air temperature in degrees Fahrenheit.

Normals period 1971-2000 used in DFN calculations.

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### Crop Progress — Oregon: Week Ending 06/05/16

	Percent completed									
Crop and activity	This	Last	Last	5 Year						
	week	week	year	average						
Spring wheat headed	65	44	(NA)	(NA)						
Winter wheat headed	92	80	95	74						
Potatoes emerged	85	65	83	(NA)						
Field corn planted	97	94	97	(NA)						
Field corn emerged		75	90	(NA)						
Dry edible beans planted		93	95	(NA)						
Dry edible beans emerged	87	64	72	(NA)						
Dry peas emerged		51	75	(NA)						
Alfalfa hay 1st cutting	75	74	54	49						
Alfalfa hay 2nd cutting	1	(NA)	(NA)	(NA)						

(NA) Not available.

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